

## **Proposal Abstract**

**Applicant Name:** Butte-Silver Bow Local Government

**Project Title:** Butte Waterline Replacement Program – Year 8

### **Project Description and Benefits to Restoration:**

Due to the adverse impacts of mining from the Berkeley Pit and the underground mines, the groundwater aquifer in portions of Butte can never be used for potable water. The NRD assessment estimates for lost groundwater resources on the Butte Hill alone exceed 5,000 gallons per minute – about the average amount of water used by all Butte citizens on a typical day (except during sprinkling season). Consequently, to protect human health, use of existing groundwater wells is limited and there are prohibitions on new wells in certain areas.

The Butte Waterline Replacement program is now in its eighth year of a fifteen-year Drinking Water Infrastructure Upgrades Program, proposed in 2000. As data show from work completed over the past several years, the project conserves water resources, decreases costs and provides safe drinking water to the residents of Butte-Silver Bow by replacing deteriorated (e.g. leaking, corroded, undersized) distribution lines.

In this eighth year, Butte-Silver Bow requests funding support of \$2,414,423 from the Upper Clark Fork River Restoration Fund and pledges \$314,647 as a sponsor match. The Scope of Work in this application is to replace 17,900 feet of water mains (through the use of private construction contractors), which will serve approximately 266 households on the Butte Hill within the geographic area of the damaged aquifer.

This proposal is part of an aggressive capital improvement program to repair, restore and replace Butte's drinking water system – a complex infrastructure to import water from across the Continental Divide and from the mountain creeks surrounding the city. Since 1992, when Butte Silver Bow became the owner/operator of the neglected 100-year-old system, more than \$50 million has been invested by ratepayers and through funding made available through legal settlements with the previous owner and the NRD program.

| 2008 Application |                        | BUDGET SUMMARY FORM          |                |            |              |                |
|------------------|------------------------|------------------------------|----------------|------------|--------------|----------------|
| EXPENSE CATEGORY |                        | UCFRB<br>RESTORATION<br>FUND | MATCHING FUNDS |            |              | TOTAL          |
|                  |                        |                              | Cash           | In-Kind    | Subtotal     |                |
| 1                | SALARIES AND WAGES     |                              | \$26,639.68    |            | \$26,639.68  | \$26,639.68    |
| 2                | FRINGE BENEFITS        |                              | \$12,008.92    |            | \$12,008.92  | \$12,008.92    |
| 3                | CONTRACTED SERVICES    | \$2,414,423.62               | \$268,269.30   |            | \$268,269.30 | \$2,682,692.92 |
| 4                | SUPPLIES AND MATERIALS |                              |                |            |              |                |
| 5                | COMMUNICATIONS         |                              |                |            |              |                |
| 6                | TRAVEL                 |                              |                |            |              |                |
| 7                | RENT AND UTILITIES     |                              |                |            |              |                |
| 8                | EQUIPMENT              |                              |                |            |              |                |
| 9                | MISCELLANEOUS          |                              |                | \$7,729.72 | \$7,729.72   | \$7,729.72     |
| TOTAL            |                        | \$2,414,423.62               | \$306,917.90   | \$7,729.72 | \$314,647.62 | \$2,729,071.24 |